



Urban District Council  
of Whitefield.

---

ANNUAL REPORT

ON THE WORK OF THE  
Public Health Services,  
1937

---

WILLIAM P. FERGUSON, M.C., M.A., B.Sc., M.D.  
*Medical Officer of Health.*

B. HODGSON, C.S.I.(Lond.), M.S.I.A., M.R.San.I.  
*Sanitary Inspector and Cleansing Superintendent.*

---

WHITEFIELD :  
H. BINGHAM, PRINTER, BANK STREET.





Urban District Council  
of Whitefield.

---

ANNUAL REPORT

ON THE WORK OF THE

Public Health Services,  
1937

---

WILLIAM P. FERGUSON, M.C., M.A., B.Sc., M.D.

*Medical Officer of Health.*

B. HODGSON, C.S.I.(Lond.), M.S.I.A., M.R.San.I.

*Sanitary Inspector and Cleansing Superintendent.*

---

WHITEFIELD :  
H. BINGHAM, PRINTER, BANK STREET.

# Whitefield Urban District Council.

---

## HEALTH COMMITTEE, 1937-38.

---

Councillor D. W. McCLUNE, J.P. (*Chairman*)

„ J. BRADSHAW  
 „ N. COLECLOUGH  
 „ H. C. DEPLEDGE  
 „ C. FARRAND  
 „ W. E. FAULKNER  
 „ R. HALL  
 „ H. HARDY  
 „ W. JONES  
 „ J. REDFORD  
 „ H. SPENCER, J.P.  
 „ B. WILSON

---

## PUBLIC HEALTH DEPARTMENT STAFF :

*Medical Officer of Health :*

WILLIAM P. FERGUSON, M.C., M.A., B.Sc., M.D.

*Sanitary Inspector and Cleansing Superintendent :*

B. HODGSON, C.S.I.(Lond.), M.S.I.A., M.R.San.I.

*Clerk :* C. POTTS.

Urban District Council of Whitefield.

---

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1937.

---

*To the Chairman and Members of the Whitefield  
Urban District Council.*

WHITEFIELD,

Gentlemen,

June, 1938.

I have the honour to present my report for the year 1937.

During the year representations were made for the Clearance of the Fountain Street Area. When these are successfully completed a big blot on our district will be removed.

A study of the Vital Statistics for the year will show that the year was happily free from any sort of thrill, either in the nature of epidemics or complaints. This is largely due to the efficiency of the staff—Mr. Hodgson and his Assistants—to whom I record my sincere gratitude.

I also wish to thank you, Gentlemen, for your kindness and the active interest you have taken in the work of the Department.

I have the honour to be, Gentlemen,

Your obedient servant,

W. P. FERGUSON.

### VITAL STATISTICS.

The deaths recorded numbered 138, equalling a death-rate of 12·5 per 1,000. The births numbered 194 (99 males and 95 females), equalling a birth-rate of 16·1 per 1,000. The deaths of infants under one year of age were 5, equalling a rate of infantile mortality of 26·0 per 1,000 births. Deaths from respiratory diseases, other than phthisis, numbered 17. Phthisis caused 7 deaths, giving a rate of 0·58 per 1,000. Deaths from cancer numbered 22, equal to a rate of 1·83 per 1,000. During the year the cases of notifiable diseases numbered 74 (excluding 20 of tuberculosis—pulmonary, 19; other forms, 1):—Scarlet fever, 40 cases; diphtheria, 14; pneumonia, 18; erysipelas, 2; puerperal pyrexia, 0.

The cases of diphtheria patients were promptly treated with antitoxin and removed to hospital where necessary.

18 cases of pneumonia occurred during the year, with 9 deaths.<sup>†</sup>

The Council have no scheme for the treatment of tuberculous cases apart from that of the County Council. 50 beds are reserved for the use of patients from Whitefield at Aitken Sanatorium.

The Council have the joint use of the hospitals of the Bury and District Hospital Board. 40 beds are available for smallpox, and 146 for other infectious diseases, including 50 for patients at Aitken Sanatorium.

37 cases of scarlet fever patients and 16 cases of diphtheria were removed to hospital during the year.

The Ambulance of the Joint Hospital Board is available for the removal to hospital of cases of infectious diseases.

### Maternity and Child Welfare.

A "Welfare" Centre and School Clinic is established and is run entirely by the County Authority at "The Uplands," Whitefield, every Tuesday afternoon. It is well attended by mothers and children from this and surrounding Districts.

Two Certified Midwives are on the County Register, and practise within the District.

### **Laboratory Work.**

Chemical and bacteriological examinations are made at the Public Health Laboratories, Manchester University. 20 specimens of milk were submitted for bacteriological examination and 19 for biological examination during the year.

### **Antitoxic Sera.**

A supply of Diphtheria and Tetanus Antitoxin is kept at the residence of the Medical Officer of Health and also in the Health Department.

### **Acts of Parliament adopted by the Council.**

The Council have adopted the following Acts:—The Small Dwellings Acquisition Act, 1888; The Infectious Disease (Notification) Act, 1889; The Infectious Disease (Prevention) Act, 1890; The Public Health Acts Amendment Act, 1890, Parts II, III, IV, and V; The Housing of the Working Classes Act, 1890, Part III; The Museum & Gymnasium Act, 1891; The Private Street Works Act, 1892; The Public Libraries Act, 1892 and 1893; The Public Health Acts Amendment Act, 1907:—

Part II—Streets and Buildings. Sections 15 to 21 (inclusive) and 24 to 31 (inclusive), subject to the provisions of Section 33.

Part III—Sanitary Provisions. All Part III, except Sec. 48.

Part IV—Infectious Diseases. All Part IV, except Sections 60, 61, and 67.

Part V—Common Lodging Houses. All Part V.

Part VI—All Part VI.

Part VII—Street Traffic. Sections 78, 79, and 81.

Part VIII—Fire Appliances. Sections 88 and 90.

Part IX—Sky Signs. All Part IX.

Part X—Section 95.

Public Health Act, 1925:—

Part II—Streets and Buildings.

Part III—Sanitary Provisions.

Part IV—Verminous Premises, etc.

Part V—Watercourses, Streams, etc.

Sections 21 and 22 of this Act came into force on the 1st April, 1926, and the rest of the Act on the 1st January, 1926.

### **Bye-Laws.**

Bye-laws with respect to the following matters are in force in the District:—New Streets and Buildings, Nuisances, Offensive Trades (Tripe Boiling), the Removal of Offensive or Noxious Matters, Slaughter-houses, Tents, Vans, and Sheds.

## **SANITARY ADMINISTRATION.**

### **Water**

The water supply of the District is administered by The Irwell Valley Water Board, which draws its supplies mainly from moorland gathering grounds.

Whitefield supplies are drawn chiefly from Clowbridge Reservoir and from the Ogden Reservoir.

The supply of water during the year was good, and the standard of quality was generally satisfactory.

However, following one of our routine analyses of the water, it was found that the water in one area of the District was contaminated with sewage. No ill-effects were reported.

The attention of the Water Board was drawn to this, and they quickly discovered the source of contamination in a certain stream, which was diverted from the reservoir with a satisfactory result.

### **Scavenging.**

The Scavenging of the District is satisfactorily carried out.

### **Drainage and Sewerage.**

The Sewering of the District is that known as the “combined” system.

In the case of new drainage, where a supply of water is available, the “hydraulic” or “water” test is applied; where this is impracticable, they are tested by smoke.

I see from Mr. Hodgson’s Report that the total number of inspections of drains and other works in progress was 93.

### **Closet Accommodation.**

The sanitary accommodation of the District at the end of the year was:—Fresh water closets, 3,829; waste water closets, 136 (this system of waste water closets, which was found to give rise to various nuisances, has been discontinued, property owners being advised to substitute fresh water closets instead, where practicable); pail closets, 48; privy middens, 31; privy closets, 54; ashbins, 4,098.

### **Sanitary Inspection of the District.**

Full details under this head are to be found in the Sanitary Inspector's Report on page 18. The total number of inspections for all purposes was 2,951 for the year.

There are no Common Lodging-houses or Registered Houses-let-in-Lodgings within the District.

### **Schools.**

The sanitary condition and water supply of the Elementary and Higher Schools in the District is on the whole satisfactory.

### **Milk Supply.**

### **FOOD.**

This is produced almost entirely on farms in and about the District, and is generally of good quality and produced under fair conditions. The dairies and cowsheds were visited by the Sanitary Inspector on 124 occasions. There are now in the District 30 milk-shops selling milk in sealed bottles (which prevents contamination after leaving the source).

20 samples of milk were taken and examined for the presence or otherwise of bacteria and extraneous matters, the results of the examinations being set out in page 25.

### **Meat.**

There are four registered and one licensed slaughter-houses in the District. 310 visits have been paid and the following carcasses examined:—Beasts, 128; calves, 9; sheep and lambs, 1629; and pigs, 51. The amount of meat condemned and destroyed as being unfit for human food was 1,088-lbs.; 902-lbs. of this meat was condemned on account of tuberculosis. Very

careful supervision is exercised by the Meat Inspector with regard to the prevention of unsound meat being prepared for sale within the District.

The slaughter-houses were, on the whole, satisfactory, and kept clean and limewashed in accordance with the Bye-laws.

There is no public abattoir in the District, inspection of meat being carried out by the Meat Inspector, who is generally present at the time of slaughter.

No legal proceedings were taken, the condemned meat being surrendered voluntarily in every instance.

### **Other Foods.**

The food supplies of the District received careful attention during the year, foodshops and hawkers' carts being inspected. Bakehouses on 28 occasions. There are 14 bakehouses on the register, one of which is underground. These were kept clean and were limewashed as required by the Factory & Workshops Act.

### **Food Poisoning.**

No case of food poisoning was reported.

### **Sale of Food & Drugs Act.**

65 samples were procured within the District by the County Police (see Mr. Hodgson's Report).

## **HOUSING.**

108 houses were erected during the year by private enterprise.

Action under the Housing Acts with regard to clearance and reconstruction of unhealthy areas is proceeding.

### **Fitness of Houses.**

The general standard of fitness of the houses is fair. Exception lies in the considerable number of old houses which are grouped into close and badly arranged areas.

Minor defects in the houses are usually treated by notices served under the Public Health Acts. General defects of an extensive character are treated under Section 9 of the Housing Act of 1936.

## Appendices.

### 1.—GENERAL.

|                                                           |         |
|-----------------------------------------------------------|---------|
| 1. Acreage .....                                          | 3,463   |
| 2. Population (1937). Estimated .....                     | 12,040  |
| 3. General death-rate.....                                | 12·5    |
| 4. Death-rate from tuberculosis .....                     | 0·58    |
| 5. Infantile mortality.....                               | 26·0    |
| 6. Number of dwelling-houses of all classes .....         | 3,904   |
| 7. Number of families or separate occupiers (census 1931) | 2,640   |
| 8. Rateable value .....                                   | £75,069 |
| 9. Sum represented by a penny rate .....                  | £291    |
| 10. Total rates in £ .....                                | 12/-    |

## Statistics.

### HOUSING.

*Number of Houses erected during the year:—*

|                                                      |     |
|------------------------------------------------------|-----|
| (1) Total, including Nos. given separately under (2) | —   |
| (a) By the Local Authority .....                     | —   |
| (b) By other Local Authorities .....                 | —   |
| (c) By other Bodies and Persons.....                 | 108 |
| (2) With State assistance under the Housing Acts:—   |     |
| (a) By the Local Authority .....                     | —   |
| (b) By other Bodies or Persons .....                 | —   |

*I.—Inspection of Dwelling-houses during the year:—*

|                                                                                                                  |     |
|------------------------------------------------------------------------------------------------------------------|-----|
| 1. (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ..... | 59  |
| (b) Number of inspections made for the purpose...                                                                | 262 |

|                                                                                                                                                                      |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 2. (a) Number of dwelling-houses, included under sub-head 1 above, which were inspected and recorded under the Housing Consolidated Regulations, 1925 .....          | 25  |
| (b) Number of inspections made for the purpose...                                                                                                                    | 125 |
| 3. Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation (including scheduled Areas)              | 14  |
| 4. Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ..... | 11  |
| II.— <i>Remedy of Defects during the year without Service of Formal Notices :—</i>                                                                                   |     |
| Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers .....                                    | 11  |
| III.— <i>Action under Statutory Powers during the year:—</i>                                                                                                         |     |
| A. Proceedings under Sections 9, 10, and 16, of the Housing Act, 1936:—                                                                                              |     |
| 1. Number of dwelling-houses in respect of which notices were served requiring repairs .....                                                                         | —   |
| 2. Number of dwelling-houses which were rendered fit after service of formal notices:—                                                                               |     |
| (a) By Owners .....                                                                                                                                                  | —   |
| (b) By Local Authority in default of Owners                                                                                                                          | —   |
| B. Proceedings under Public Health Acts:—                                                                                                                            |     |
| 1. Number of dwelling-houses in respect of which notices were served requiring defects to be remedied .....                                                          | 4   |
| 2. Number of dwelling-houses in which defects were remedied after service of formal notices:—                                                                        |     |
| (a) By Owners .....                                                                                                                                                  | 4   |
| (b) By Local Authority in default of Owners                                                                                                                          | —   |

C. Proceedings under Sections 11 and 13 of the Housing Act, 1936:—

|                                                                                   |       |       |       |       |   |
|-----------------------------------------------------------------------------------|-------|-------|-------|-------|---|
| 1. Number of dwelling-houses in respect of which Demolition Orders were made..... | ..... | ..... | ..... | ..... | 2 |
| 2. Number of dwelling-houses demolished in pursuance of Demolition Orders         | ..... | ..... | ..... | ..... | 4 |

D. Proceedings under Section 12 of the Housing Act, 1936:—

|                                                                                                                                                             |       |       |       |       |       |       |       |       |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| 1. Number of separate tenements or underground rooms in respect of which Closing Orders were made                                                           | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — |
| 2. Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — |

IV. *Housing Act, 1936: Overcrowding* :—

|                                                                 |       |       |       |       |       |       |       |       |   |
|-----------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| 1. (a) Number of dwellings overcrowded at the end of the year   | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — |
| (b) Number of families dwelling therein                         | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — |
| (c) Number of persons dwelling therein                          | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — |
| 2. Number of new cases of overcrowding reported during the year | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — |
| 3. (a) Number of cases of overcrowding relieved during the year | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — |
| (b) Number of persons concerned in such cases                   | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | — |

**Public Health Staff.**

The Staff consists of the Medical Officer of Health (part time), the Sanitary Inspector (whole time), and one Clerk (part time). One half of the salaries of the Medical Officer and Sanitary Inspector are repaid to the Council out of the County Fund.

The Sanitary Inspector (Mr. B. Hodgson) holds the Certificate of the Inspectors' Examination Board (London) and the Royal Sanitary Institute Certificate for the Inspection of Meat and other Foods, and a Certificate for Practical Sanitary Science.

**Vital Statistics of Whole District during 1937 and previous years.**

| Year | Popula-<br>tion<br>estimated<br>to<br>middle of<br>each year | Births |      | Nett Deaths belonging to the District |                                  |             |      |
|------|--------------------------------------------------------------|--------|------|---------------------------------------|----------------------------------|-------------|------|
|      |                                                              | Nett   |      | Under 1 year of age                   |                                  | At all ages |      |
|      |                                                              | No.    | Rate | No.                                   | Rate per<br>1,000<br>nett Births | No.         | Rate |
| 1    | 2                                                            | 3      | 4    | 5                                     | 6                                | 7           | 8    |
| 1927 | 7588                                                         | 100    | 13.1 | 10                                    | 100                              | 104         | 13.7 |
| 1928 | 7714                                                         | 115    | 14.9 | 11                                    | 95                               | 93          | 12.0 |
| 1929 | 8284                                                         | 133    | 16.0 | 8                                     | 52                               | 121         | 14.6 |
| 1930 | 8322                                                         | 137    | 16.5 | 2                                     | 14                               | 97          | 11.9 |
| 1931 | 9500                                                         | 137    | 14.0 | 10                                    | 76                               | 137         | 14.8 |
| 1932 | 9803                                                         | 156    | 15.9 | 11                                    | 70                               | 133         | 13.5 |
| 1933 | 10321                                                        | 124    | 12.1 | 5                                     | 40                               | 108         | 10.5 |
| 1934 | 10690                                                        | 158    | 14.7 | 11                                    | 69                               | 120         | 11.2 |
| 1935 | 11110                                                        | 163    | 14.6 | 6                                     | 36                               | 122         | 10.9 |
| 1936 | 11550                                                        | 168    | 14.5 | 9                                     | 53                               | 141         | 12.2 |
| 1937 | 12040                                                        | 194    | 16.1 | 5                                     | 25                               | 138         | 12.5 |

**Births during 1937.**

Legitimate: Males, 98; Females, 93; Total, 191

Illegitimate: Males, 1; Females, 2; Total, 3

---

194

**Birth Rate—Still-births.**

Legitimate: Males, 3; Females, 3; Total, 6

Illegitimate: Males, 0; Females, 0; Total, 0

---

6

Rate per 1,000 Total (Live and Still) Births: nil.

**Deaths during 1937.**

Deaths ..... 138. Males, 72. Females, 66

Death-rate per 1,000 of the estimated resident population ..... 12.5

Deaths from diseases and accidents of Pregnancy and Childbirth:

From Sepsis ..... —

From Other Causes ..... —

Death-rate of Infants under one year of age:—

All Infants per 1,000 Live Births ..... 25

Legitimate Infants per 1,000 legitimate Live Births ..... 26

Illegitimate Infants per 1,000 illegitimate Live Births..... —

|                                            |   |
|--------------------------------------------|---|
| Deaths from Measles (all ages).....        | 1 |
| „ Whooping Cough (all ages).....           | — |
| „ Diarrhoea (under two years of age) ..... | — |

|                                      | Per 1,000 of<br>Estimated Population |                         |                                                                              |                                  | Maternal<br>Mortality Rate     |                                                      | Rate of<br>Deaths<br>under<br>1 year<br>per<br>1,000<br>Live<br>Births |
|--------------------------------------|--------------------------------------|-------------------------|------------------------------------------------------------------------------|----------------------------------|--------------------------------|------------------------------------------------------|------------------------------------------------------------------------|
|                                      | Live<br>Birth-<br>rate               | Crude<br>Death-<br>rate | Death-<br>rate<br>from<br>Tuber-<br>culosis<br>of Res-<br>piratory<br>System | Death-<br>rate<br>from<br>Cancer | Per<br>1,000<br>Live<br>Births | Per<br>1,000<br>Total<br>(Live &<br>Still)<br>Births |                                                                        |
| Mean of 5 years, 1932-36 .....       | 14·3                                 | 11·6                    | 0·40                                                                         | 1·57                             | 7·47                           | 7·10                                                 | 53                                                                     |
| Year 1936 .....                      | 14·5                                 | 12·2                    | 0·69                                                                         | 1·29                             | 11·90                          | 11·36                                                | 53                                                                     |
| Year 1937 .....                      | 16·1                                 | 11·4                    | 0·58                                                                         | 1·82                             | .....                          | .....                                                | 25                                                                     |
| Increase or decrease in 1937<br>on:— |                                      |                         |                                                                              |                                  |                                |                                                      |                                                                        |
| 5 years' average, 1932-36            | +1·8                                 | —0·2                    | +0·18                                                                        | +0·25                            | —7·47                          | —7·10                                                | —28                                                                    |
| Previous year.....                   | +1·6                                 | —0·8                    | +0·11                                                                        | +0·53                            | —11·90                         | —11·36                                               | —28                                                                    |

### Causes of Deaths—All Causes.

|                                                       | M. | F. |
|-------------------------------------------------------|----|----|
|                                                       | 72 | 66 |
| 1. Typhoid and Paratyphoid .....                      | —  | —  |
| 2. Measles .....                                      | —  | 1  |
| 3. Scarlet Fever .....                                | —  | 1  |
| 4. Whooping Cough .....                               | —  | —  |
| 5. Diphtheria .....                                   | 1  | —  |
| 6. Influenza.....                                     | —  | 5  |
| 7. Encephalitis Lethargica .....                      | —  | —  |
| 8. Cerebro-spinal Fever .....                         | —  | —  |
| 9. Tuberculosis of Respiratory System .....           | 4  | 3  |
| 10. Other Tuberculosis Diseases .....                 | 1  | —  |
| 11. Syphilis .....                                    | —  | —  |
| 12. General Paralysis of the Insane, Tabes Dorsalis.. | —  | —  |
| 13. Cancer, Malignant Disease .....                   | 9  | 13 |
| 14. Diabetes .....                                    | 1  | 1  |
| 15. Cerebral Hæmorrhage, etc. ....                    | 3  | 6  |
| 16. Heart Disease.....                                | 19 | 12 |
| 17. Aneurysm .....                                    | —  | —  |

|     |                                                             |   |   |
|-----|-------------------------------------------------------------|---|---|
| 18. | Other Circulatory Diseases .....                            | 6 | 3 |
| 19. | Bronchitis .....                                            | 3 | 2 |
| 20. | Pneumonia (all forms) .....                                 | 5 | 4 |
| 21. | Other Respiratory Diseases .....                            | 2 | 1 |
| 22. | Peptic Ulcer .....                                          | 2 | — |
| 23. | Diarrhœa, etc. (under two years) .....                      | — | — |
| 24. | Appendicitis .....                                          | 1 | — |
| 25. | Cirrhosis of Liver .....                                    | — | — |
| 26. | Other Diseases of Liver, etc. ....                          | — | 1 |
| 27. | Other Digestive Diseases .....                              | 2 | 1 |
| 28. | Acute and Chronic Nephritis .....                           | 4 | — |
| 29. | Puerperal Sepsis .....                                      | — | — |
| 30. | Other Puerperal Causes .....                                | — | — |
| 31. | Congenital Debility, Premature Birth,<br>Malformation ..... | 2 | 2 |
| 32. | Senility .....                                              | 1 | 2 |
| 33. | §uicide .....                                               | 1 | 3 |
| 34. | Other Violence .....                                        | 1 | 1 |
| 35. | Other Defined Diseases.....                                 | 4 | 4 |
| 36. | Causes ill-defined or unknown .....                         | — | — |

Special Causes (included in No. 35 above):—

|                         |   |   |
|-------------------------|---|---|
| Small-pox .....         | — | — |
| Polioomyelitis .....    | — | — |
| Polioencephalitis ..... | — | — |

Deaths of Infants under one year:—

|                    |   |   |
|--------------------|---|---|
| Total.....         | 2 | 3 |
| Legitimate .....   | 2 | 3 |
| Illegitimate ..... | — | — |

Live Births:—

|                    |    |    |
|--------------------|----|----|
| Total.....         | 99 | 95 |
| Legitimate .....   | 98 | 93 |
| Illegitimate ..... | 1  | 2  |

Still-births:—

|                    |   |   |
|--------------------|---|---|
| Total.....         | 3 | 3 |
| Legitimate .....   | 3 | 3 |
| Illegitimate ..... | — | — |

# SANITARY CIRCUMSTANCES

OF THE

## URBAN DISTRICT OF WHITEFIELD.

---

TOWN HALL,  
WHITEFIELD,  
June, 1938.

*To the Chairman and Members of the Urban  
District Council of Whitefield.*

Gentlemen,

I wish to present for your consideration my Ninth Annual Report on the Sanitary Condition of the District.

All aspects of the work of the Department have shown considerable activity during the year. This has been particularly noticeable in matters connected with Housing and Food Supply, to which special attention has been given.

May I express to the Chairman and Members of the Health Committee, the Medical Officer of Health, Clerk to the Council, Surveyor, and Staff in general, my appreciation of the valued assistance and co-operation which has been particularly marked during the year.

I am, Mr. Chairman and Gentlemen,

Your obedient servant,

B. HODGSON,

*Sanitary Inspector and Cleansing Superintendent.*

## SUMMARY OF INSPECTIONS.

---

|                                                    |       |                  |
|----------------------------------------------------|-------|------------------|
| Complaints Investigated                            | ..... | 103              |
| Bakehouses                                         | ..... | 28               |
| Dairies, Cowsheds, and Milkshops                   | ..... | 124              |
| Slaughter-houses, Food Shops, Street Vendors, etc. | ..... | 458              |
| Factories, Workshops, and Outworkers               | ..... | 11               |
| Factories <i>re</i> Smoke                          | ..... | 15               |
| Smoke Observations                                 | ..... | 11               |
| Dwelling-houses—Public Health Acts                 | ..... | 34               |
| „ —Housing Acts                                    | ..... | 25               |
| „ —Housing Act, 1935                               | ..... | 129              |
| „ —Council Houses                                  | ..... | 196              |
| „ —Infectious Diseases                             | ..... | 43               |
| „ —Re-visits—Public Health Acts                    | ..... | 137              |
| „ „ —Housing Acts                                  | ..... | 125              |
| „ „ —Housing Act, 1935                             | ..... | 41               |
| „ „ —Infectious Diseases                           | ..... | 7                |
| „ „ —Council Houses                                | ..... | 1                |
| Drains—New Buildings                               | ..... | 8                |
| „ —Old Buildings                                   | ..... | 85               |
| Stables and Piggeries                              | ..... | 5                |
| Builders and Owners Interviewed                    | ..... | 55               |
| Rats & Mice Act                                    | ..... | 31               |
| Work in Progress—Public Health Acts                | ..... | 29               |
| „ —Housing Acts                                    | ..... | 688              |
| Cleansing Visits                                   | ..... | 251              |
| Miscellaneous                                      | ..... | 124              |
| Petroleum Acts                                     | ..... | 12               |
| Ice Cream Premises                                 | ..... | 3                |
| Shops Act                                          | ..... | 161              |
| Fried Fish Shops                                   | ..... | 3                |
| Farmers and Dairymen Interviewed                   | ..... | 4                |
| Houses Disinfected                                 | ..... | 4                |
| Total Number of Inspections                        |       | <hr/> 2951 <hr/> |

**SANITARY IMPROVEMENTS** Effectuated under the Housing and  
Public Health Acts for the past Five Years.

**INTERIOR OF HOUSES.**

|                                                             | 1933       | 1934      | 1935       | 1936       | 1937       |
|-------------------------------------------------------------|------------|-----------|------------|------------|------------|
| Ceilings and Walls re-plastered .....                       | 71         | 11        | 67         | 51         | 22         |
| Floors renewed or repaired .....                            | 28         | 4         | 9          | 21         | 11         |
| Dampness abated .....                                       | 37         | 7         | 26         | 21         | 19         |
| Windows renewed or repaired .....                           | 35         | 1         | 11         | 14         | 20         |
| New Sinks fixed .....                                       | 24         | 12        | 25         | 34         | 22         |
| Sink Waste Pipes trapped .....                              | 23         | 10        | 25         | 34         | 19         |
| Sink Waste Pipes renewed or repaired                        | 7          | 2         | 5          | 1          | 1          |
| Sink re-set .....                                           | —          | 3         | —          | —          | —          |
| Stairs repaired .....                                       | 2          | —         | 5          | —          | —          |
| New Stairs fixed .....                                      | 1          | —         | —          | —          | —          |
| Ventilation improved .....                                  | 33         | 14        | 20         | 13         | 17         |
| Lighting improved .....                                     | 1          | 2         | —          | 8          | —          |
| Fire Ranges repaired .....                                  | 7          | 1         | 1          | 7          | 4          |
| Doors renewed or repaired .....                             | 8          | —         | —          | 2          | —          |
| Hand-rails fixed .....                                      | 16         | 4         | 19         | 10         | 5          |
| Food Stores provided .....                                  | —          | —         | —          | 3          | —          |
| Washing Boilers renewed or repaired.....                    | 2          | 1         | —          | 1          | —          |
| House provided with an efficient<br>Damp-proof Course ..... | 6          | 1         | 2          | 4          | 6          |
| Houses cleansed .....                                       | 1          | 1         | 2          | —          | 5          |
| Sky-lights repaired .....                                   | 4          | 1         | 3          | —          | —          |
| Secondary Means of Access provided.....                     | 2          | —         | —          | —          | —          |
| Brickwork repaired .....                                    | 4          | 4         | 5          | 1          | —          |
| Adequate Water Supply provided .....                        | 21         | 4         | 1          | —          | 1          |
| Windows made to open .....                                  | 5          | 11        | 16         | 8          | —          |
|                                                             | <u>338</u> | <u>94</u> | <u>242</u> | <u>233</u> | <u>152</u> |

**EXTERIOR OF HOUSES.**

|                                         | 1933       | 1934      | 1935      | 1936       | 1937      |
|-----------------------------------------|------------|-----------|-----------|------------|-----------|
| Roofs repaired .....                    | 14         | 3         | 2         | 9          | 10        |
| Walls repointed or rendered .....       | 14         | 3         | 7         | 24         | 8         |
| Chimneys repaired or re-built .....     | 8          | —         | 2         | 10         | 5         |
| Eaves Gutters renewed or repaired ..... | 18         | 12        | 6         | 10         | 4         |
| Yards repaired or re-paved .....        | 14         | 14        | 8         | 15         | 12        |
| Rain-water Pipes renewed or repaired    | 11         | 2         | 14        | 2          | 2         |
| „ disconnected from drain               | 170        | 12        | 17        | 50         | —         |
| Brickwork repaired .....                | 1          | 1         | 1         | 11         | —         |
| Walls re-built.....                     | 1          | 3         | 3         | —          | —         |
| Yard Gates renewed .....                | 2          | 1         | —         | —          | —         |
| Wash-house Structures re-built .....    | 1          | —         | 1         | 1          | —         |
| New Door-steps fixed .....              | 2          | 1         | 1         | —          | —         |
|                                         | <u>256</u> | <u>52</u> | <u>62</u> | <u>132</u> | <u>41</u> |

**DRAINAGE.**

|                                                        | 1933       | 1934      | 1935      | 1936      | 1937      |
|--------------------------------------------------------|------------|-----------|-----------|-----------|-----------|
| Drains cleansed .....                                  | 9          | 14        | 13        | 14        | 13        |
| Drains repaired .....                                  | 11         | 8         | 8         | 12        | 4         |
| Drains reconstructed .....                             | 25         | 12        | 5         | 1         | 1         |
| New Glazed Gullies fixed .....                         | 194        | 16        | 20        | 52        | 1         |
| Inspection Chambers provided .....                     | 4          | 3         | —         | —         | —         |
| „ repaired .....                                       | 1          | 2         | 1         | —         | —         |
| Intercepting Traps fixed .....                         | 2          | 2         | —         | —         | —         |
| Ventilation Shafts fixed .....                         | 2          | 2         | —         | —         | —         |
| „ repaired .....                                       | 4          | 1         | 1         | 3         | —         |
| Rain-water Pipes disconnected from<br>Soil Pipes ..... | 2          | 2         | —         | —         | —         |
| Bath Waste Pipes disconnected from<br>Soil Pipes ..... | 2          | —         | —         | —         | —         |
| Sink Water Pipes disconnected from<br>Drains .....     | 3          | 2         | —         | —         | —         |
| Cellar Drains trapped .....                            | 1          | —         | —         | —         | —         |
| Fresh-air Inlets renewed or repaired .....             | —          | 3         | 1         | —         | 2         |
|                                                        | <u>260</u> | <u>67</u> | <u>49</u> | <u>82</u> | <u>21</u> |

**SANITARY CONVENIENCES.**

|                                                      | 1933 | 1934 | 1935 | 1936 | 1937 |
|------------------------------------------------------|------|------|------|------|------|
| W.C. Fittings renewed or repaired .....              | 12   | 2    | 1    | 3    | 3    |
| W.C. Structures repaired or re-built .....           | 2    | 1    | 2    | 3    | 1    |
| W.C.'s provided in lieu of Privy Closets             | 15   | 7    | —    | —    | —    |
| „ Pail Closets..                                     | —    | —    | —    | 2    | —    |
| „ Waste-water Closets                                | 4    | 2    | 3    | 1    | —    |
| Pail Closets provided in lieu of Privy Closets ..... | 2    | 2    | 2    | 3    | —    |
| Privy Closets abolished .....                        | 2    | —    | —    | —    | —    |
| W.C.'s cleansed .....                                | 3    | —    | 1    | —    | 1    |
| Additional Closets provided .....                    | 10   | 3    | —    | 6    | —    |
| Waste-water Closets repaired .....                   | 3    | —    | 4    | 1    | 1    |
| W.C. Pedestals renewed .....                         | 2    | 1    | —    | 5    | —    |
| W.C. Service Pipes repaired .....                    | 6    | —    | —    | 5    | —    |
| Additional Pail Closets provided .....               | —    | —    | —    | 2    | —    |
|                                                      | 61   | 18   | 13   | 31   | 6    |

**ACCOMMODATION FOR HOUSE REFUSE.**

|                                         | 1933 | 1934 | 1935 | 1936 | 1937 |
|-----------------------------------------|------|------|------|------|------|
| Dust Bins renewed .....                 | 43   | 67   | 77   | 50   | 72   |
| Dust Bins provided in lieu of Ashpits   | 3    | 2    | 1    | 1    | —    |
| „ Privy Middens                         | 29   | 9    | —    | 4    | —    |
| Disused Ashpits abolished .....         | 2    | 1    | —    | —    | —    |
| Open Ashpits abolished .....            | 1    | 2    | —    | —    | —    |
| Sufficient Accommodation provided ..... | 7    | 2    | 2    | 1    | 2    |
|                                         | 85   | 83   | 80   | 56   | 74   |

**MISCELLANEOUS.**

|                                        | 1933 | 1934 | 1935 | 1936 | 1937 |
|----------------------------------------|------|------|------|------|------|
| Accumulations removed .....            | 3    | 9    | 2    | 2    | 2    |
| Stables cleansed .....                 | 1    | 4    | —    | —    | —    |
| Nuisance from Keeping of Animals ..... | 3    | 1    | —    | —    | —    |
| Cesspools cleansed.....                | 4    | 5    | 1    | —    | —    |
| Nuisance from Stagnant Pools .....     | 1    | —    | —    | —    | 1    |
| Premises Freed from Rats .....         | —    | —    | 5    | 2    | —    |
|                                        | 12   | 19   | 8    | 4    | 3    |

### ABATEMENT OF NUISANCES.

To secure the Abatement of Nuisances, the following notices were served:—

|                                                                        |       |       |       |       |       |     |
|------------------------------------------------------------------------|-------|-------|-------|-------|-------|-----|
| Preliminary Notices.....                                               | ..... | ..... | ..... | ..... | ..... | 150 |
| Statutory Notices—Public Health Act .....                              | ..... | ..... | ..... | ..... | ..... | 5   |
| Number of Notices served under Section 127,<br>Housing Act, 1925 ..... | ..... | ..... | ..... | ..... | ..... | 22  |

### HOUSING OF THE WORKING-CLASSES.

During the year much time has been devoted to carrying out the essential duties under the Housing Act.

In June, representation was made by the Medical Officer in accordance with Section 154 of the Housing Act, 1936, relative to 79 houses situated in Higher Lane, Fountain Street, Holland Street, and Top-o'th'-Fields. In consequence of this representation, the Council passed a resolution declaring the aforementioned area to be a Clearance Area.

#### Half Acre Clearance Area.

The re-housing of tenants from the above area was completed during the early part of the year, and I am convinced that in the majority of cases the tenants have fully appreciated the change of environment, also the improved facilities which they now possess.

The demolition of the property in the area was completed during the year. In several instances great difficulty was experienced in getting the sites fully cleared, this being due to the contractors offering to demolish the property at very little cost to the owners; and, having taken and disposed of the best material, they left the owner with a greater burden to bear in so much that they had to engage other persons to complete the work at a considerable cost. It is regrettable that, as the law stands at present, Local Authorities have no power to compel owners of property which is subject to a demolition order to do more than demolish the property concerned. It is hoped that,

in the drafting of any future housing legislation dealing with this question, serious consideration will be given to the inclusion of such a clause as to make it compulsory for all sites to be cleared and levelled.

### **Housing Act, 1936.**

|                                                                                  |    |
|----------------------------------------------------------------------------------|----|
| Houses Inspected and Recorded .....                                              | 25 |
| Representation under Section 11 of the<br>Housing Act, 1936 .....                | 2  |
| Owners Interviewed by Committee .....                                            | 1  |
| Demolition Orders made .....                                                     | 2  |
| Demolition Notices served .....                                                  | 2  |
| Houses Demolished .....                                                          | 59 |
| Houses Repaired following Informal Notices                                       | 11 |
| Houses Reconditioned in accordance with<br>proposal submitted to Committee ..... | 12 |
| Certificates Granted under Section 51 of the<br>Housing Act, 1936 .....          | 4  |

### **DISINFESTATION AND ERADICATION OF BED-BUGS.**

The following is a summary, work of which has been carried out during the year:—

1. (a) No. of houses found to be infested:—

|                      |      |
|----------------------|------|
| Council Houses ..... | None |
| Other Houses .....   | 3    |

(b) No. of houses disinfested:—

|                      |      |
|----------------------|------|
| Council Houses ..... | None |
| Other Houses .....   | 8    |

2. Where houses are found to be infested with vermin, the work of disinfestation is carried out by a contractor.

3. (a) On transfer of tenants from condemned houses to Council property, disinfestation of household effects is undertaken by contract.

(b) In the case of tenants removing to Council property from houses other than condemned, inspection is made of their present house if deemed necessary.

4. The work of disinfection is carried out by contract. The present contractors to the Council are Messrs. Blunt & Sons, of Heaton Moor.
5. The measures taken to prevent infestation or re-infestation of property are:—
  - (a) By carrying out frequent inspection of houses.
  - (b) Education of tenants as to the possible dangers arising from the purchase of second-hand clothing and furniture.

### **INSPECTION AND SUPERVISION OF THE FOOD SUPPLY.**

The duties appertaining to the supervision of the food supply have received careful attention throughout the year.

It will be observed from the tabulated list of inspections that, of 2,951 inspections made, 613 were to premises where food is prepared or sold.

### **MILK.**

During the year, efforts in connection with milk control have been concentrated on routine inspection of all premises where milk is produced or sold and the taking of samples.

The following tables on page 25 will, I think, indicate that every care is being exercised by the producers to supply clean milk, and I feel that credit is due to the farmers concerned.

At the close of the year there were three producers on the Accredited Roll of the County Council.

### **Tuberculosis Order, 1925.**

The administration of the above Order is under the jurisdiction of the County Council.

During the year, 19 samples of milk were taken in the course of routine work and submitted for biological examination. As a result of this examination, tubercle bacilli was found in two cases.

In addition to the above, the following samples were taken on behalf of the County Council and submitted for biological examination:—

Table of Milk Samples Taken.

| Ref. No. | Date     | Bacteria growing on standard agar at 37 deg. C in 48 hours | Bacillus Coli present in |                    |                    | Remarks<br>Whether produced within or outside the district |
|----------|----------|------------------------------------------------------------|--------------------------|--------------------|--------------------|------------------------------------------------------------|
|          |          |                                                            | 1 CC.                    | 0.1 CC.            | 0.01 CC.           |                                                            |
| 33/3     | 7/4/37   | 3,800                                                      | None                     | None               | None               | Within                                                     |
| 39/14    | 9/9/37   | 4,550                                                      | None                     | None               | None               | Within                                                     |
| 38/10    | 7/7/37   | 6,100                                                      | None                     | None               | None               | Outside                                                    |
| 32/2     | 7/4/37   | 7,000                                                      | None                     | None               | None               | Within                                                     |
| 40/15    | 11/9/37  | 7,300                                                      | None                     | None               | None               | Within                                                     |
| 37/9     | 7/7/37   | 8,700                                                      | None                     | None               | None               | Within                                                     |
| 36/4     | 19/5/37  | 10,150                                                     | None                     | None               | None               | Within                                                     |
| 40/17    | 11/9/37  | 11,100                                                     | None                     | None               | None               | Outside                                                    |
| 37/8     | 7/7/37   | 14,970                                                     | None                     | None               | None               | Within                                                     |
| 36/5     | 19/5/37  | 72,000                                                     | Yes                      | None               | None               | Within                                                     |
| 41/20    | 13/10/37 | 17,950                                                     | Yes                      | In 1 of 3 tubes    | None               | Outside                                                    |
| 37/7     | 7/7/37   | 33,500                                                     | Yes                      | In 1 of 3 tubes    | None               | Within                                                     |
| 38/12    | 7/7/37   | 62,500                                                     | Yes                      | In 1 of 3 tubes    | None               | Within                                                     |
| 41/19    | 13/10/37 | 470,000                                                    | Yes                      | In 1 of 3 tubes    | None               | Outside                                                    |
| 39/13    | 9/9/37   | 17,950                                                     | Yes                      | In each of 3 tubes | None               | Within                                                     |
| 37/6     | 19/5/37  | 260,000                                                    | Yes                      | In each of 3 tubes | In 2 of 3 tubes    | Within                                                     |
| 32/1     | 7/4/37   | 4,150                                                      | Yes                      | In each of 3 tubes | In each of 3 tubes | Within                                                     |
| 40/16    | 11/9/37  | 349,750                                                    | Yes                      | In each of 3 tubes | In each of 3 tubes | Outside                                                    |
| 40/18    | 13/10/37 | 470,000                                                    | Yes                      | In each of 3 tubes | In each of 3 tubes | Outside                                                    |
| 38/11    | 7/7/37   | 1,925,000                                                  | Yes                      | In each of 3 tubes | In each of 3 tubes | Within                                                     |

Producer warn'd

| Ref. No. | Date     | Methylene Blue Test. Hours before decolorisation or satisfactory | Coliform Test                                   |                  | Remarks                                                                         |
|----------|----------|------------------------------------------------------------------|-------------------------------------------------|------------------|---------------------------------------------------------------------------------|
|          |          |                                                                  | No. of tubes in which Coliform Bacillus present | Satisfactory "S" |                                                                                 |
| 32/LCC1  | 7/4/37   | S                                                                | 0                                               | S                | Taken on behalf of the County Council from Accredited farms within the district |
| 32/LCC2  | 7/4/37   | S                                                                | 0                                               | S                |                                                                                 |
| 39/LCC3a | 9/9/37   | S                                                                | 0                                               | S                |                                                                                 |
| 39/LCC4a | 9/9/37   | S                                                                | 0                                               | S                |                                                                                 |
| 39/LCC5a | 9/9/37   | S                                                                | 0                                               | S                |                                                                                 |
| 42/LCC6  | 29/12/37 | S                                                                | 0                                               | S                |                                                                                 |
| 42/LCC8  | 29/12/37 | S                                                                | 0                                               | S                |                                                                                 |
| 42/LCC7  | 29/12/37 | S                                                                | 1                                               | S                |                                                                                 |

5 Samples from Accredited Producers. No. positive, 1.

4 „ Schools ..... „ 1.

1 positive sample was reported by an adjoining Authority.

The affected samples were produced on five different farms, two of which were situated outside the district. At the request of the County Council, along with the Veterinary Inspector, I visited the three farms in the district and took individual and group samples as follows:—

CASE No. 1. Bulk sample was taken from a School in the district on 3rd March, 1937. On April 8th, 1937, four group samples and one individual sample was taken from a herd of 18 cows. All samples taken proved negative. We were informed by the farmer that samples of milk taken from the School was not his milk but was produced on a farm situated in the County Borough of Bury. The Chief Sanitary Inspector of Bury was notified and the appropriate action taken.

CASE No. 2. Bulk sample taken at the farm on 7th April, 1937. On April 30th, four group samples and five individual samples were taken from a herd of 21 cows. One individual sample proved positive, and the affected animal was removed from the herd and slaughtered.

CASE No. 3. Bulk sample taken in the course of delivery by the Prestwich Urban District Council. On September 28th, 1937, the farm was visited by the Veterinary Inspector and myself, when five samples were taken, two from individual cows and three group samples, from a herd of 16 cows. All samples taken proved negative.

One red cow was found by the Veterinary Inspector to be suffering from severe mastitis of all quarters of the udder and in advanced stage of tuberculosis emaciation. The animal was later removed to the knackers for slaughter.

CASE No. 4. Bulk sample taken in the course of delivery from a local dairyman on October 13th, 1937, the milk being produced in another district within the county. The County Medical Officer was notified and caused the appropriate action to be taken.

CASE No. 5. Bulk sample taken at the farm on September 9th, 1937. Six group samples and three individual samples were taken from a herd of 38 cows. One individual sample proved positive, and the affected animal was removed from the herd and slaughtered.

### **Milk (Special Designation) Order, 1923—1936.**

During the year the following licences have been granted under the above Order:—

|                                                        |   |
|--------------------------------------------------------|---|
| Dealer's Licences to sell Tuberculin-tested Milk ..... | — |
| „ Accredited Milk..... .....                           | 1 |
| „ Pasteurised Milk .....                               | 2 |
| Supplementary Licences to sell Pasteurised Milk .....  | 8 |
| „ Tuberculin-tested Milk .....                         | 2 |
| „ Accredited Milk..... .....                           | 2 |

The following table shows the state of the register on December 31st, 1937:—

|                                                                     |    |
|---------------------------------------------------------------------|----|
| No. of Milk Producers on the Register .....                         | 18 |
| „ Producers who are Retailers..... .....                            | 15 |
| „ Dairymen who are Residents in the District .....                  | 8  |
| „ „ outside the District .....                                      | 28 |
| „ Shopkeepers who are registered for the sale of Bottled Milk ..... | 30 |

### **FOOD & DRUGS ACTS.**

The duties under the above Acts are carried out by the County Police, and I am indebted to Superintendent Watkinson for the following summary of work carried out in this district:—

## SAMPLES TAKEN.

|                     |    |                     |   |
|---------------------|----|---------------------|---|
| Milk .....          | 37 | Butter .....        | 2 |
| Corn Flour .....    | 1  | Glauber Salts ..... | 1 |
| Sauce .....         | 1  | Coffee .....        | 1 |
| Boiled Sweets ..... | 3  | Lard .....          | 3 |
| Epsom Salts.....    | 1  | Mustard .....       | 2 |
| Barley .....        | 1  | Sugar .....         | 2 |
| Pepper .....        | 2  | Jelly .....         | 1 |
| Tea .....           | 3  | Rice .....          | 1 |
| Cocoa .....         | 3  |                     |   |

Total: 65 samples.

Upon analysis all the above samples were found to be genuine.

**PUBLIC HEALTH ACTS.****PUBLIC HEALTH (MEAT) REGULATIONS, 1924.****SLAUGHTER OF ANIMALS ACT, 1933.**

Every attention has been given to this very important section of the Council's activities during the year; all carcasses and organs being inspected during or immediately after slaughter.

The quality of meat sold in the area is generally of a high standard, and, as several purveyors obtain their supplies from the markets of Bury and Manchester, special attention was given to all meat brought into the district.

Where condemnation was necessary, no difficulty was experienced in obtaining surrender of the meat concerned, my opinion at all times being accepted.

**Slaughter-houses.**

There is no public slaughter-house in the district. There are four registered and one licensed slaughter-houses. These premises, though not of modern type, have been maintained in a satisfactory condition.

**Slaughter of Animals Act, 1933.**

The number of persons licensed in accordance with the above Act is 16.

### Retail Meat Shops.

Regular inspections were made during the year of all butchers' premises, and conditions, generally, were found to be satisfactory.

The number of butchers' shops in the district at the close of the year was 14.

### Carcases Inspected and Condemned.

|                                                                                     | Cattle<br>(excluding<br>Cows) | Cows  | Calves | Sheep<br>and<br>Lambs | Pigs |
|-------------------------------------------------------------------------------------|-------------------------------|-------|--------|-----------------------|------|
| Number killed (if known) .....                                                      | 115                           | 13    | 9      | 1629                  | 51   |
| Number inspected .....                                                              | 115                           | 13    | 9      | 1629                  | 51   |
| <i>All diseases except Tuberculosis :</i>                                           |                               |       |        |                       |      |
| Whole carcases condemned .....                                                      | —                             | —     | —      | —                     | —    |
| Carcases of which some part or organ was condemned .....                            | 10                            | 5     | —      | 2                     | 1    |
| Percentage of the No. inspected affected with disease other than Tuberculosis ..... | 8·7%                          | 38·5% | —      | 0·1%                  | 2%   |
| <i>Tuberculosis only :</i>                                                          |                               |       |        |                       |      |
| Whole carcases condemned .....                                                      | 1                             | —     | —      | —                     | —    |
| Carcases of which some part or organ was condemned .....                            | 7                             | 1     | —      | —                     | 3    |
| Percentage of the No. inspected affected with Tuberculosis..                        | 7%                            | 7·7%  | —      | —                     | 6%   |

The following table shows a detailed statement of meat condemned and voluntarily surrendered:—

| 1937            | Tuber-<br>culosis | Angi-<br>oma | Cirr-<br>hosis | Cysts | Carci-<br>noma | Multiple<br>Abscess | Distom-<br>atosis | Conges-<br>tion | Total |
|-----------------|-------------------|--------------|----------------|-------|----------------|---------------------|-------------------|-----------------|-------|
|                 | lbs.              | lbs.         | lbs.           | lbs.  | lbs.           | lbs.                | lbs.              | lbs.            | lbs.  |
| January .....   | 66                | —            | —              | —     | —              | —                   | —                 | —               | 66    |
| February .....  | 30                | —            | —              | —     | —              | —                   | —                 | —               | 30    |
| March .....     | 12                | 16           | —              | —     | —              | —                   | —                 | —               | 28    |
| April .....     | 36                | —            | 24             | —     | —              | —                   | —                 | —               | 60    |
| May.....        | 12                | —            | 14             | 12    | 12             | 14                  | —                 | —               | 64    |
| June .....      | 672               | —            | —              | —     | —              | —                   | 14                | —               | 686   |
| July .....      | 12                | —            | —              | —     | —              | —                   | —                 | —               | 12    |
| August .....    | —                 | —            | —              | —     | —              | —                   | —                 | —               | —     |
| September ..... | —                 | —            | —              | —     | —              | —                   | 14                | —               | 14    |
| October .....   | 38                | —            | 6              | 14    | —              | —                   | —                 | 12              | 70    |
| November .....  | 12                | —            | —              | —     | —              | —                   | —                 | —               | 12    |
| December .....  | 12                | —            | 12             | —     | —              | 14                  | 2                 | 6               | 46    |
| Total .....     | 902               | 16           | 56             | 26    | 12             | 28                  | 30                | 18              | 1088  |

Total: 9-cwts. 2-qrs. 24-lbs.

The following table gives details of other foods which were condemned and voluntarily surrendered:—

|                              |    |                |   |
|------------------------------|----|----------------|---|
| Jars of Chicken and Ham..... | 9  | Chickens ..... | 7 |
| Jars of Chicken .....        | 3  | Rabbits .....  | 3 |
| Hens .....                   | 16 |                |   |

### SHOPS ACT, 1934.

At the request of the County Council and on the recommendation of the Lancashire Association of the Urban District Councils, this Council decided that the Sanitary Inspector be appointed to carry out the inspectoral duties which the County Council are required to administer under the provisions of the above Act, in addition to the duties for which the Local Authority is responsible.

All reports in this connection are forwarded to the County Medical Officer of Health, whose staff carry out the administrative duties with regard thereto.

The following is a summary of work carried out during the year:—

|                                                                                                                   |     |
|-------------------------------------------------------------------------------------------------------------------|-----|
| No. of Inspections .....                                                                                          | 161 |
| No. of Contraventions reported to the County Council as to:                                                       |     |
| Failure to exhibit or provide prescribed form in regard<br>to provision of seats for female shop-assistants ..... | 28  |
| Failure to exhibit prescribed records, notices, etc.<br>(young persons) .....                                     | 24  |
| No. of cases found where young persons were working<br>more than the normal weekly working hours .....            | 1   |
| No. of Informal Notices served as to sanitary conveniences                                                        | 1   |
| No. of Exemption Certificates granted in connection with<br>Section 10 <i>re</i> sanitary conveniences .....      | 23  |

### Bakehouses.      FACTORIES AND WORKSHOPS.

There are 14 bakehouses on the register, all of which have been satisfactorily maintained during the year.

**Factories.**

No complaints were received from H. M. Inspector of Factories during the year.

**Register of Workshops.**

|                                  |       |
|----------------------------------|-------|
| Bakehouses .....                 | 14    |
| Blacksmiths .....                | 2     |
| Boot Repairers and Cloggers..... | 3     |
| Builders .....                   | 4     |
| Joiners .....                    | 1     |
| Monumental Masons .....          | 2     |
| Painters .....                   | 2     |
| Plumbers .....                   | 4     |
| Saddlers .....                   | 1     |
| Boot and Shoe Lace Taggers.....  | 1     |
|                                  | <hr/> |
|                                  | 34    |

**Outworkers.**

Returns were received from adjoining Local Authorities relative to four outworkers, whose homes were visited.

**RATS & MICE (DESTRUCTION) ACT, 1919.**

The question of the elimination of the rat is one which has received the close attention of the Department. 31 inspections were made following the receipt of complaints.

The application of "Cyanogas" has proved very effective in eradicating this pest from the tips and fields. "Klearwell" biscuits have also been used against the rodent on private premises with very beneficial results.

"Battles" vermine killer proved effective against mice.

**RAG-GATHERERS.**

In previous Reports, I called attention to the vital question of the disposal of discarded apparel by rag-gatherers to persons other than registered Marine Store Dealers. Notwithstanding the publicity which has been given to this important question, the practice of purchasing articles of apparel from rag-gatherers' carts appears to still continue. I feel that it is only by keeping

this point continually in the public eye that this objectionable system, which offers an ideal medium for the propagation of infectious and other diseases, will be eradicated.

Section 154 of the Public Health Act, 1936, has been responsible for a reduction in the class of trading amongst children, as it is now an offence for any person who collects or deals in rags, old clothes, or similar articles to sell or deliver, whether gratuitously or not, any article of food or drink to any person, or any article whatsoever to a person under the age of 14 years. The placing of such an important clause on the Statute Book has had a very beneficial effect and cleared away many of the difficulties which were experienced under the Public Health Act, 1925.

#### **RAG FLOCK ACT**

There are no premises in the district in which rag flock is manufactured or sold.

#### **SWIMMING BATHS.**

There are no Swimming Baths in the district.

#### **PETROL LICENCES.**

During the year, 19 licences have been renewed, whilst one new licence has been granted.

#### **WATER SUPPLY.**

The number of houses supplied by the Irwell Valley Water Board in the district is 3,869. Of these, 2,836 have baths and 3,837 have W.C.'s.

Some difficulty in maintaining a constant pressure and supply at properties situated in the higher parts of the Stand area, mentioned in last year's Report, has been overcome by the installation of an electrically-driven pump at the service reservoir at Clarke's Hill, which delivers water into an elevated tank placed on the reservoir embankment, from which the supply is taken to the higher properties. The laying of the new trunk main from the Water Board's Gin Hall reservoir to Whitefield is proceeding apace, and it is anticipated that when this is completed the pump at Clarke's Hill will be used only in case of emergency.

I am indebted to Mr. Rodwell, Engineer to the Water Board, for the above information.

### **ATMOSPHERIC POLLUTION.**

As in previous years, the question of smoke abatement has received careful attention.

11 timed observations were taken, and in no case was the emissions of such a character as to necessitate action being taken.

It is gratifying to record that several firms have realised the advantages to be gained from the installation of mechanical stokers, and I am of the opinion that a wider adoption of such plant, especially where the stoker has other duties to perform, would not only add to greater efficiency and assist in the saving of fuel, but would contribute to a purer atmosphere.

It will, of course, be realised that all atmospheric pollution cannot be blamed on the factory chimney, much of it is due to the domestic fire. The prevention of domestic smoke nuisance is beset with many difficulties, which, I feel confident, will be partly overcome when the public, generally, realise the seriousness of atmospheric pollution of this character. The extended use of electricity and gas has considerably reduced the smoke nuisance. Nevertheless, one feels there is still a tender spot for the open fire, and it is in this direction where the wider use of smokeless fuel would play an important part.

### **SANITARY ACCOMMODATION.**

The sanitary accommodation in the district is practically all on the water-carriage system, with the exception of the houses in the added areas of Outwood and Unsworth.

The general system of sanitation in the Hillock area is far from ideal, there being no proper system of drainage, and the majority of privy middens are of the open type. This latter feature necessitates more frequent attention by the cleansing staff during the summer months so as to minimise the fly menace. In one or two instances, owners of property have substituted pail closets in lieu of the privy closets. I feel that the general

question of sanitation in Hillock should receive serious consideration in the near future.

The following table gives details of the sanitary accommodation in the district on December 31st, 1937:—

| Type                     | No. on<br>Dec. 31,<br>1932 | No. on<br>Dec. 31,<br>1933 | No. on<br>Dec. 31,<br>1934 | No. on<br>Dec. 31,<br>1935 | No. on<br>Dec. 31,<br>1936 | No. on<br>Dec. 31,<br>1937 |
|--------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Fresh Water Closets..... | 3018                       | 3154                       | 3381                       | 3540                       | 3755                       | 3829                       |
| Waste Water Closets...   | 151                        | 147                        | 145                        | 142                        | 139                        | 136                        |
| Privy Closets ..... ..   | 38                         | 66                         | 59                         | 57                         | 54                         | 54                         |
| Privy Middens ..... ..   | 26                         | 45                         | 36                         | 34                         | 31                         | 31                         |
| Dry Ashpits..... ..      | 8                          | 7                          | 6                          | 5                          | 3                          | 3                          |
| Pail Closets..... ..     | 34                         | 43                         | 45                         | 45                         | 48                         | 48                         |
| Dust Bins ..... ..       | 2820                       | 2960                       | 3358                       | 3501                       | 3653                       | 4098                       |

## PUBLIC CLEANSING.

### COLLECTION AND DISPOSAL OF HOUSE AND TRADE REFUSE.

As in previous years, the subject matter of this section of the Report deals with the financial year ending March 31st, 1938, as distinct from the rest of the Report, which is for the year ending December 31st, 1937.

#### Refuse Collection.

During the period under review every effort was made to maintain a reasonably efficient service with material which was far from satisfactory. The then collecting vehicle, of 7 cub. yds. capacity only, had been in operation approximately seven years, and was not capable for coping with the demands of modern conditions. Due to the change in character of the refuse and the increase in the number of premises, it was soon realised that a new vehicle would be required. A special sub-Committee was appointed to consider this question, tenders were invited, tests of various vehicles undertaken, and it was finally recommended that an S.D. freighter, of 10 cub. yds. capacity, be purchased. This vehicle was put into commission in December, and it is gratifying to record that the results have been entirely up to expectation, there now being a weekly collection service in operation.

I still feel that there is a necessity to keep this important service in the public eye, as it is to them we must look for assistance by means of reduced quantities of refuse to enable the service to be kept fully efficient.

The problem with which most Local Authorities are faced, due to the erection of new houses, is the one of dealing with garden refuse, and though it would appear that there is no obligation on a Local Authority to remove such refuse, I feel, if people are to be encouraged to be garden proud, every facility should be given in this direction.

### **Refuse Disposal.**

There has been no change in the method of refuse disposal from that of last year.

**Details of Cleansing Costs for year ending 31st March, 1938.**

| Allocation                           | Actual Expenditure        |            | 1937-38<br>Total |       | 1936-37<br>Total |       | 1935-36<br>Total |       | 1934-35<br>Total |       | 1933-34<br>Total |       | 1932-33<br>Total |       |
|--------------------------------------|---------------------------|------------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|
|                                      | Dry Refuse                | Night-soil | £                | s. d. | £                | s. d. | £                | s. d. | £                | s. d. | £                | s. d. | £                | s. d. |
| Collection,<br>Mechanical Transport— |                           |            | £                | s. d. | £                | s. d. | £                | s. d. | £                | s. d. | £                | s. d. | £                | s. d. |
|                                      | Wages                     | .....      | 595              | 2 11  | 12               | 9 11  | 548              | 0 4   | 522              | 7 6   | 497              | 5 6   | 416              | 7 9   |
|                                      | Motor                     | .....      | 481              | 15 5  | 11               | 7 1   | 481              | 13 4  | 473              | 9 0   | 496              | 2 7   | 438              | 2 4   |
|                                      | Hire of S.D. Freighter .. | .....      |                  |       |                  |       | 7                | 10 0  | 7                | 10 0  |                  |       |                  |       |
|                                      | Overalls and Gloves       | .....      | 14               | 5 6   |                  |       | 8                | 6 8   | 7                | 18 1  | 10               | 13 10 | 3                | 10 10 |
|                                      | Disinfectant              | .....      | 1                | 10 0  |                  |       | 1                | 10 0  | 1                | 16 8  | 3                | 0 0   | 2                | 2 6   |
|                                      | Printing                  | .....      |                  |       |                  |       |                  |       |                  |       | 1                | 10 0  | 7                | 2 2   |
|                                      | Materials and Tools       | .....      | 2                | 0 0   |                  |       | 2                | 2 6   |                  |       | 1                | 17 1  |                  |       |
| Removing Wreaths                     | .....                     | 2          | 18 0             |       |                  |       |                  |       |                  |       |                  |       |                  |       |
| Net Cost                             |                           | .....      | 1097             | 11 10 | 23               | 17 0  | 1049             | 2 10  | 1013             | 3 0   | 1010             | 9 0   | 860              | 10 7  |
| 869                                  |                           | 3 11       |                  |       |                  |       |                  |       |                  |       |                  |       |                  |       |
| Collection,<br>Horse Transport—      |                           |            |                  |       |                  |       |                  |       |                  |       |                  |       |                  |       |
|                                      | Wages                     | .....      | 15               | 11 0  | 8                | 2     | 15               | 19 2  | 10               | 14 0  | 28               | 9 8   | 2                | 0 6   |
|                                      | Cart (Hired)              | .....      | 10               | 16 0  | 9                | 0     | 8                | 1 9   | 26               | 15 6  | 18               | 10 0  | 5                | 16 11 |
|                                      | Cart (Own)                | .....      | 4                | 5 0   |                  |       |                  |       |                  |       | 12               | 7 6   |                  |       |
|                                      | Net Cost                  | .....      | 30               | 12 0  | 17               | 2     | 31               | 9 2   | 37               | 9 6   | 59               | 7 2   | 7                | 17 5  |
| 30                                   |                           | 10 9       |                  |       |                  |       |                  |       |                  |       |                  |       |                  |       |

**Details of Cleansing Costs for year ending 31st March, 1938.**

| Allocation                    | Actual Expenditure |            | 1937-38<br>Total |       | 1936-37<br>Total |       | 1935-36<br>Total |       | 1934-35<br>Total |       | 1933-34<br>Total |       | 1932-33<br>Total |       |
|-------------------------------|--------------------|------------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|
|                               | Dry Refuse         | Night-soil | £                | s. d. | £                | s. d. | £                | s. d. | £                | s. d. | £                | s. d. | £                | s. d. |
| <b>Disposal—</b>              |                    |            |                  |       |                  |       |                  |       |                  |       |                  |       |                  |       |
| Wages .....                   | 218                | 6 6        | 218              | 6 6   | 161              | 8 1   | 150              | 14 4  | 137              | 10 4  | 133              | 14 5  | 204              | 13 9  |
| Horse Transport (Own) .....   | 1                  | 1 3        | 1                | 1 3   | 1                | 1 3   | .....            | ..... | .....            | ..... | .....            | ..... | 2                | 0 4   |
| do. (Hired) .....             | 1                  | 17 6       | 1                | 17 6  | .....            | ..... | .....            | ..... | .....            | ..... | .....            | ..... | .....            | ..... |
| Motor Transport (Own) .....   | 8                  | 17 1       | 8                | 17 1  | 12               | 3 9   | 4                | 10 8  | 7                | 9 0   | 3                | 5 8   | 9                | 0 11  |
| Rents, Rates, and Taxes ..... | .....              | .....      | .....            | ..... | 4                | 4 1   | 8                | 4 6   | 8                | 4 6   | 8                | 16 10 | 32               | 5 7   |
| Materials, Tools, etc. ....   | 1                  | 12 8       | 1                | 12 8  | 3                | 5 1   | 1                | 8 1   | 1                | 7 1   | 2                | 7 10  | 1                | 1 6   |
| Overalls and Gloves .....     | 3                  | 19 8       | 3                | 19 8  | 1                | 3 2   | 1                | 1 2   | 1                | 2 6   | .....            | ..... | .....            | ..... |
| Disinfectant .....            | .....              | .....      | .....            | ..... | .....            | ..... | .....            | ..... | 3                | 1 0   | .....            | ..... | .....            | ..... |
| Printing .....                | .....              | .....      | .....            | ..... | .....            | ..... | .....            | ..... | 1                | 19 8  | .....            | ..... | 2                | 15 5  |
| Netting for Screen .....      | 5                  | 5 0        | 5                | 5 0   | .....            | ..... | 5                | 7 0   | .....            | ..... | 1                | 18 10 | .....            | ..... |
| Cabin .....                   | .....              | .....      | .....            | ..... | .....            | ..... | 19               | 8 2   | .....            | ..... | .....            | ..... | .....            | ..... |
| Road-making Material .....    | .....              | .....      | .....            | ..... | 1                | 5 0   | 3                | 0 0   | .....            | ..... | .....            | ..... | .....            | ..... |
| Coal and Coke .....           | .....              | 2 11       | .....            | 2 11  | .....            | ..... | .....            | ..... | .....            | ..... | 14               | 2     | .....            | ..... |
| Loan Charges .....            | .....              | .....      | .....            | ..... | 1                | 3 2   | .....            | ..... | .....            | ..... | .....            | ..... | .....            | ..... |
| Trees .....                   | 3                  | 0 0        | 3                | 0 0   | .....            | ..... | .....            | ..... | .....            | ..... | .....            | ..... | .....            | ..... |
| Fencing .....                 | 13                 | 16 11      | 13               | 16 11 | .....            | ..... | .....            | ..... | .....            | ..... | .....            | ..... | .....            | ..... |
| Gross Cost .....              | 257                | 19 6       | 257              | 19 6  | 185              | 13 7  | 194              | 6 2   | 160              | 14 1  | 150              | 17 9  | 251              | 17 6  |
| Receipts—Sale of Scrap, etc.  | 27                 | 3 6        | 27               | 3 6   | 7                | 12 1  | 5                | 2 2   | 5                | 1 10  | 3                | 2 6   | 2                | 5 4   |
| Net Cost .....                | 230                | 16 0       | 230              | 16 0  | 178              | 1 6   | 189              | 4 0   | 155              | 12 3  | 147              | 15 3  | 249              | 12 2  |
| <b>Gross Total—</b>           |                    |            |                  |       |                  |       |                  |       |                  |       |                  |       |                  |       |
| Collection and Disposal ..... | 1386               | 3 4        | 1410             | 17 6  | 1248             | 4 6   | 1244             | 18 8  | 1230             | 10 3  | 1019             | 5 9   | 1151             | 12 2  |
| Receipts .....                | 27                 | 3 6        | 27               | 3 6   | 7                | 12 1  | 5                | 2 2   | 5                | 1 10  | 3                | 2 6   | 2                | 5 4   |
|                               | 1358               | 19 10      | 1383             | 14 0  | 1240             | 12 5  | 1239             | 16 6  | 1225             | 8 5   | 1016             | 3 3   | 1149             | 6 10  |

|                        | 1937-38 | 1936-37 | 1935-36 | 1934-35 | 1933-34 |
|------------------------|---------|---------|---------|---------|---------|
| Dust Bins Emptied..... | 153,418 | 135,189 | 138,880 | 145,583 | 126,766 |
| Pails „ .....          | 1,659   | 1,626   | 1,716   | 1,923   | 1,430   |
| Ashpits „ .....        | 6       | 4       | 11      | 27      | 25      |
| Privy Middens „ .....  | 93      | 139     | 165     | 147     | 220     |

| Vehicle          | Dust Bins | Pails | Ashpits | Privy Middens | Loads |       |
|------------------|-----------|-------|---------|---------------|-------|-------|
|                  |           |       |         |               | Wet   | Dry   |
| Motor..... ..... | 149,671   | 1,653 | 6       | 90            | 27    | 1,453 |
| Horse..... ..... | 3,747     | 6     | —       | 3             | 2     | 81    |

### Estimated Weight and Unit Costs.

|                                  | Mechanical Transport     |                  | Horse Transport |                 |
|----------------------------------|--------------------------|------------------|-----------------|-----------------|
|                                  | House Refuse             | Night Soil       | House Refuse    | Night Soil      |
| Estimated weight collected ..... | T. c. lbs.<br>3523 10 56 | —                | —               | —               |
| Average weight per load .....    | 2 8 56                   | —                | —               | —               |
| Average cost per load .....      | s. d.<br>15 1·29         | s. d.<br>17 8·00 | s. d.<br>7 6·66 | s. d.<br>8 7·00 |
| „ ton .....                      | 6 2·76                   | —                | —               | —               |
| „ bin .....                      | 1·74                     | —                | 1·95            | —               |
| „ privy midden..                 | —                        | 4 11·62          | —               | 5 8·66          |

### Disposal.

Average Cost per Load ..... 2/11·43

Average Cost per Ton ..... 1/3·07

1. Population ..... 12,040
2. Weight per 1,000 Population per day, in cwts. Collection ..... 15·71
3. Rateable Value ..... £75,069
4. Product of a Penny Rate ..... £291
5. Total Rates in £ ..... 12/-
6. Number of Premises ..... 3,904
7. Average Length of Haul ..... 1 Mile



